

Title (en)  
DESIGN AND GENERATION OF HUMAN DE NOVO PIX PHAGE DISPLAY LIBRARIES VIA FUSION TO PIX OR PVII, VECTORS, ANTIBODIES AND METHODS

Title (de)  
DESIGN UND ERSTELLUNG HUMANER DE NOVO PIX-PHAGEN-DISPLAY-BIBLIOTHEKEN MITTELS FUSION AN PIX ODER PVII, VEKTOREN, ANTIKÖRPER UND VERFAHREN

Title (fr)  
CONCEPTION ET GÉNÉRATION DE BANQUES D'EXPOSITION SUR PHAGE HUMAIN PIX DE NOVO AU MOYEN D'UNE FUSION VERS PIX OU PVII, VECTEUR, ANTICORPS ET PROCÉDÉS

Publication  
**EP 2231904 B1 20160113 (EN)**

Application  
**EP 08867683 A 20081121**

Priority  
• US 2008084255 W 20081121  
• US 1478607 P 20071219

Abstract (en)  
[origin: WO2009085462A1] The invention relates to a compositions and methods for generating pIX phage display libraries for producing antibodies or antibody fragments.

IPC 8 full level  
**C40B 40/02** (2006.01)

CPC (source: EP US)  
**C12N 15/1037** (2013.01 - EP US); **C40B 40/02** (2013.01 - EP US); **C40B 30/04** (2013.01 - US)

Citation (examination)  
• DE HAARD H J ET AL: "A large non-immunized human Fab fragment phage library that permits rapid isolation and kinetic analysis of high affinity antibodies", JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY, US, vol. 274, no. 26, 25 June 1999 (1999-06-25), pages 18218 - 18230, XP002128301, ISSN: 0021-9258, DOI: 10.1074/JBC.274.26.18218  
• OH ET AL: "Enhancing phage display of antibody fragments using gIII-amber suppression", GENE, ELSEVIER, AMSTERDAM, NL, vol. 386, no. 1-2, 19 December 2006 (2006-12-19), pages 81 - 89, XP005808302, ISSN: 0378-1119, DOI: 10.1016/J.GENE.2006.08.009

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2009085462 A1 20090709**; AU 2008343589 A1 20090709; CA 2710373 A1 20090709; CN 101970730 A 20110209; EP 2231904 A1 20100929; EP 2231904 A4 20110608; EP 2231904 B1 20160113; ES 2564523 T3 20160323; IL 206410 A0 20101230; JP 2011507519 A 20110310; US 2010021477 A1 20100128; US 9062305 B2 20150623

DOCDB simple family (application)  
**US 2008084255 W 20081121**; AU 2008343589 A 20081121; CA 2710373 A 20081121; CN 200880127139 A 20081121; EP 08867683 A 20081121; ES 08867683 T 20081121; IL 20641010 A 20100616; JP 2010539575 A 20081121; US 54685009 A 20090825